



Contract No. 009359	Station Section 1	Mile/Line: I-90	C/S
Staked by Survey	Date 8/5/2019	Work Started Date 8/5/2019	Work Completed Date
Calculated by Scott Busby	Date 9/5/2019	Checked by E. Knudson	Date 9/10/2019
		Inspector Scott Busby	Date 9/6/19

ITEM NO. 8

Section 1 - I-90, MP 33.44 to MP 136.43

AES. (weathered) TR. BEAM GUARDRAIL TRANSITION TYPE 21

Group Number: 3

8/14/2019 - I-90

- Station LW 327+64 to LW 328+23 = MP 37.561 - RT WB - Installed **One EA** AES TR Beam Guardrail Transition Type 21
- **50 LF**
- 14 Steel Posts
- Station LW 435+62 to LW 436+21 = MP 39.606 - RT WB - Installed **One EA** AES TR Beam Guardrail Transition Type 21
- **50 LF**
- 14 Steel Posts

Sub Total : **2 EA** of AES TR Beam Guardrail Transition Type 21 = **100 LF**
28 EA Steel Posts

Group Number: 4

8/13/2019 - I-90

- Station MP 48.47 - LT WB - Sheet 5 - Installed **One EA** AES TR Beam Guardrail Transition Type 21
- **50 LF**
- **14 Steel Posts**

8/15/2019 - I-90

- Station MP 52.25 - RT EB - Sheet 5 - Installed **One EA** AES TR Beam Guardrail Transition Type 21
- **50 LF**
- **14 Steel Posts**

8/19/2019 - I-90

- Station MP 48.08 - RT WB - Sheet 7 - Installed **One EA** AES TR Beam Guardrail Transition Type 21
- **50 LF**
- **14 Steel Posts**

8/21/2019 - I-90

- Station MP 51.67 P1 Exit 52 off ramp 0.53 - RT EB - Sheet 5 - Installed **One EA** AES TR Beam Guardrail Transition Type 21
- **50 LF**
- **14 Steel Posts**

8/23/2019 - I-90

- Station MP 47.79 - LT WB - Sheet 7 - Installed **One EA** AES TR Beam Guardrail Transition Type 21
- **50 LF**
- **14 Steel Posts**

Sub Total : **5 EA** of AES TR Beam Guardrail Transition Type 21 = **250 LF**
70 EA Steel Posts

Group Number: 6

8/13/2019 - I-90

- Station MP 54.43 - RT WB - Sheet 5 - Installed **One EA** AES TR Beam Guardrail Transition Type 21
- **50 LF**
- **14 Steel Posts**

8/21/2019 - I-90

- Station MP 53.99- RT EB - Sheet 5 - Installed **One EA** AES TR Beam Guardrail Transition Type 21
- **50 LF**
- **14 Steel Posts**

Sub Total : **2 EA** of AES TR Beam Guardrail Transition Type 21 = **100 LF**
28 EA Steel Posts

Group Number: 7

8/16/2019 - I-90

- Station MP 71.10 - RT WB - Sheet 5 - Installed **One EA** AES TR Beam Guardrail Transition Type 21
- **50 LF**
- **14 Steel Posts**

Sub Total : **1 EA** of AES TR Beam Guardrail Transition Type 21 = **50 LF**
14 EA Steel Posts

Total : (2+5+2+1) = **10 EA** of AES TR Beam Guardrail Transition Type 21 = **500 LF**
140 EA Steel Posts

Notes:

How Measured: Per Each and Verified in the field

Item Num	Material Brand Name/Model Type	Manufacturer	Brand Name/Model Type	RAMS/QPL Ref. No.	Appr/Acc Code	Basis of Accept
008.02	Beam Guardrail Thrie Beam Elements and Components	Trinity Highway Products, LLC		QPL-0001	2215 /	Mfr. Cert. per Stnd. Spec. 1-06.3
008.04	Beam Guardrail Wood Post and Blocks	Superior Wood Treating		QPL-0005	2550 /	Lumber Grading Stamp or Grading Certificate and Certificate of Treatment. (If Aquatic Envir. Std. Spec. 9-09.3 (1) Applies)
008.05	Beam Guardrail Steel Post and Blocks	Trinity Highway Products, LLC		QPL-0002	2215 /	Mfr. Cert. per Stnd. Spec. 1-06.3
008.09.02	Rail Element and Component Parts Threaded Anchor Rod	Portland Bolt & Manufacturing		QPL-0008	/	Mfr. Cert. per Stnd. Spec. 1-06.3
008.09.03	Epoxy Resins, General Hiliti Resin Bonded Anchors - Adhesive	Hiliti	HIT-HY 200-R	QPL-0007	3109 /	Visual Acceptance per Const. Manual 9-1.4C

Item Num	Item Description	Grp	Date Work Complete	Unit	Quantity	Ledger Entry No.	Posted By Init.	Posted By Date	Checked By Init.	Checked By Date	Est. No.
0008	AES. TR. BEAM GUARDRAIL TRANSITION SECTION TYPE 21	3	9/5/2019	EACH	2	282	EK	09/11/19			6
0008	AES. TR. BEAM GUARDRAIL TRANSITION SECTION TYPE 21	4	9/5/2019	EACH	5	283	EK	09/11/19			6
0008	AES. TR. BEAM GUARDRAIL TRANSITION SECTION TYPE 21	6	9/5/2019	EACH	2	284	EK	09/11/19			6
0008	AES. TR. BEAM GUARDRAIL TRANSITION SECTION TYPE 21	7	9/5/2019	EACH	1	285	EK	09/11/19			6

Attachments



Things to do 82-2.xlsx
Microsoft Excel
Worksheet
409 KB